



**RADIUS**  
*Systems*

## TELECOMS

CABLE PROTECTION SYSTEM



**RADIUS**  
*Systems*

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Smarter Infrastructure



## Telecoms Ducting Systems

*“With three manufacturing facilities in the UK, a global distribution network and over 300 employees, we are proud to supply over 100 countries”*

We have operated in telecoms since 1988 and Fibre-to-the-x (FTTx) since 2002 and we have a dedicated telecoms centre of excellence where our resident team of expert engineers provide state of the art technology.

We supply many of the world's top telecom operators, integrators and installers. Our product offering includes traditional Telecoms Ducting such as HDPE low friction Sub-Duct, HDPE Twinwall and uPVC as well as FTTx Microtubing systems for next generation networks.

In addition our modular underground Access Chambers are suitable for use across various utilities and are ideal for telecoms applications.

The comprehensive Radius range includes HDPE twinwall and smooth wall duct, low friction sub duct and uPVC ducting systems. These are available in standard telecommunications and CATV colours as well as specific colours and configurations to suit customer requirements.

We also offer a comprehensive range of fittings and accessories. Radius ducting systems are complemented by a range of duct sealing systems and access chambers, details of which are available in separate brochures.

### Applications

- Trunk networks
- Metro Networks
- CATV networks



## Quality

We are committed to the highest levels of quality for the design, manufacturing, performance, durability and delivery of our products and we aim to provide outstanding service quality. We source the best materials and we use modern and efficient manufacturing, inspection and testing methods and maintain an effective Quality Management System in the form of ISO 9001:2015.

Throughout our workforce, we emphasise and communicate the importance of customer care, timeliness of deliveries, courtesy, consistency, accuracy and fast response to all areas of service. We promote a customer focused culture that is underpinned by the encouragement of all our employees' to be actively involved in the continual improvement of our products, systems and processes.



## Environment

As a manufacturer we take our environmental responsibilities very seriously and we work in-house and in partnership with suppliers to reduce carbon emissions across the whole supply chain.

In addition to the legislative compliance of ISO 14001 we have won several awards for our environmental initiatives, including SuperScheme, our PE waste recycling scheme in the UK.

### We pledge to:

- Report carbon emissions publicly or to Business in the Community
- Set an absolute target & take action to reduce the business' carbon emissions
- Encourage employees to reduce their carbon emissions at home and at work
- Mobilise customers to take action on climate change



## Technical Support

We take pride in developing innovative yet cost effective solutions for all tubing requirements and having long-lasting partnerships.

We strive to work closely with our partners in terms of technical support, training, product development and supply chain services to ensure that we provide the best tailored solutions.

Our expert team of engineers offer a design and development service for new products and the optimisation of existing products and we provide full technical field service backup for our products.



## Health & Safety

The health and safety of operatives and individuals involved in the processing, handling, jointing, installation, testing and use of polyethylene pipe systems is at all times of paramount importance to Radius Systems.

In addition to compliance with BS OHSAS 18001:2007 for the manufacture of polyethylene and PVC pipes and fittings for telecoms, gas, water and industrial applications, we also adhere to good working practices across our whole business which is essential to achieve the high standards that we and our customers expect.





## Telecoms Ducting Systems

A high performance low-friction HDPE sub-duct system providing excellent cable protection and management for underground and aerial networks.

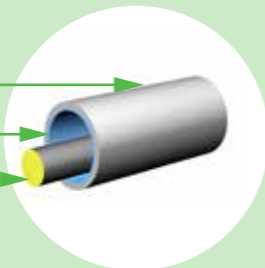
The tough outer HDPE coating provides lifetime mechanical protection while the internal solid polymer coating provides permanent lubrication and a low coefficient of friction to maximise cable installation lengths.

- Low friction permanent coating
- Tough, durable HDPE
- High performance in complex installations
- (for example many bends and gradients)
- Available empty, pre-roped, pre-taped or pre-cabled
- Manufactured in accordance with BS EN 61386-24:2010

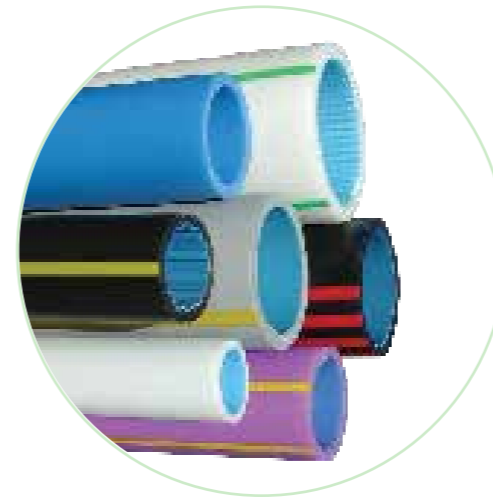
### Low Friction

A solid layer of lubricant is evenly distributed on the inner wall by co-extrusion and provides a permanent low friction surface for the life of the duct. Low friction values allow long installation lengths of delicate fibre optic cable by pulling or blowing.

- HDPE
- Solid Lubricant Layer
- Cable



### HIGH PERFORMANCE LOW FRICTION DUCT



Direct Install - Light Duty (SDR17.5) - for sub-duct applications

OD/ID (mm)	Nominal ID (mm)	Wall Thickness (mm)	Max Pull Load (kN)
20/18	17.9	1.0 - 1.13	1
25/22	22.3	1.3 - 1.6	1
26/23	23.1	1.4 - 1.7	2
31/27	27.7	1.6 - 1.9	2
32/28	28.5	1.7 - 2.0	2
37/32	32.7	1.9 - 2.3	3
38/33	33.8	2.0 - 2.4	3
40/35	35.6	2.1 - 2.5	4
44/39	39.2	2.3 - 2.7	4
50/44	44.4	2.7 - 3.1	6
63/55	55.8	3.5 - 3.9	10
75/66	39.5 - 14.5	4.2 - 4.6	14

Direct Install & Direct Bury - General Purpose (SDR13.5) - for primary & sub-duct applications

OD/ID (mm)	Nominal ID (mm)	Wall Thickness (mm)	Max Pull Load (kN)
20/17	17.1	1.4 - 1.7	1
25/21	21.5	1.7 - 2.0	2
26/23	22.3	1.8 - 2.1	2
31/26	26.7	2.1 - 2.4	3
32/27	27.5	2.2 - 2.5	4
37/31	31.6	2.5 - 2.8	5
38/32	32.5	2.7 - 3.0	5
44/37	37.6	3.1 - 3.5	7
50/42	42.8	3.5 - 3.9	9
63/54	54.0	4.4 - 4.8	14
75/64	64.1	5.4 - 5.8	20

Direct Bury & Direct Mole Ploughing - Heavy Duty (SDR11) - for primary duct applications

OD/ID (mm)	Nominal ID (mm)	Wall Thickness (mm)	Max Pull Load (kN)
20/16	16.1	1.7 - 2.0	1
25/20	20.7	2.1 - 2.4	2
26/21	21.5	2.2 - 2.5	2
31/25	25.6	2.6 - 3.0	3
32/26	26.4	2.7 - 3.1	4
37/30	30.3	3.1 - 3.5	5
38/31	31.4	3.2 - 3.6	5
40/33	33.0	2.4 - 3.8	6
44/36	36.2	3.8 - 4.2	7
50/41	41.2	4.3 - 4.7	9
63/52	51.8	5.4 - 6.0	14
75/62	61.9	6.4 - 7.0	20

- Smooth or ribbed inner wall
- Supplied empty, pre-roped, pre-taped or pre-cabled
- Full range of standard solid colours and stripes
- Mono duct or multiduct configuration
- Supplied on drums, strapped coils or straight lengths
- Print as per customer's requirements

\*Datasheets available on request



## PUSH FIT/ COMPRESSION CONECTORS



Size (mm)	Pack Qty	Product Code
32	70	ZA0776
40	60	ZA0777
50	33	ZA0778

Watertight and airtight push fit and compression mechanism

\*Datasheets available on request

## COMPRESSION CONNECTORS

\*Datasheets available on request



Size (mm)	Pack Qty	Product Code
16	70	XV0002
20	60	ZA0854
25	30	ZA0775
31	70	XV0005
32	70	ZA0776
40	60	ZA0777
50	33	ZA0778
63	15	ZA0858

With Lubricating Nozzle

37	40	ZA0779
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Watertight and airtight screw on fitting

Threaded Connector

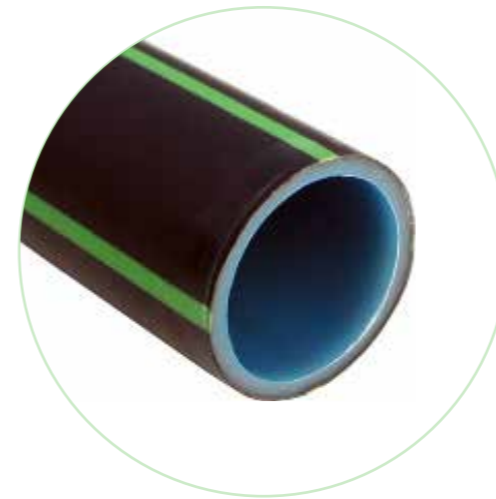
For joining two Lengths of duct without greatly increasing the overall diameter

Size Range (mm)	Colour	Pack Qty	Product Code
23.1-27.4	Black	12	ZA0658
29.2 - 31.7	Silver Grey	12	ZA0659
30.0 - 36.0	Aluminium	12	ZA0660
35.6 - 39.9	Green	12	ZA0661
37.6 - 43.2	Burgandy	12	ZA0662
40.6 - 47.0	Champagne	12	ZA0663
45.7 - 50.8	Navy Blue	12	ZA0664
58.7 - 63.8	Bronze	12	ZA0665
71.1 - 78.0	Brown	12	ZA0666
112.0 - 118.1	Turquoise	12	ZA0667
118.1 - 124.5	Aqua	21	ZA0668

\*Datasheets available on request



## LOW SMOKE ZERO HALOGEN



Radius provide specialised Low Smoke Zero Halogen (LSZH) ducting with flame retardant properties for use in buildings and tunnels  
Manufactured to BSEN 61386-24: NOV 2010 and IEC 60332/1  
Size and colours to suit user requirements

## BUNDLED DUCTS ASSEMBLIES



Radius can supply duct bundles with an outer sheath to suit your applications

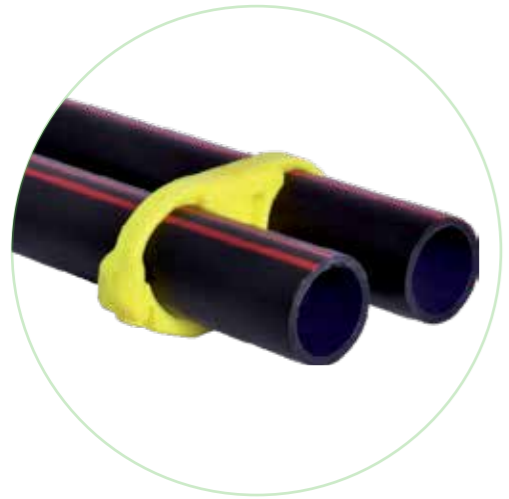
## BESPOKE PRODUCTS



Radius has the facilities to meet specific customer requirements. Our specialist technical team has developed many bespoke products over the years and will be pleased to offer their expertise



## DUCT CLIP

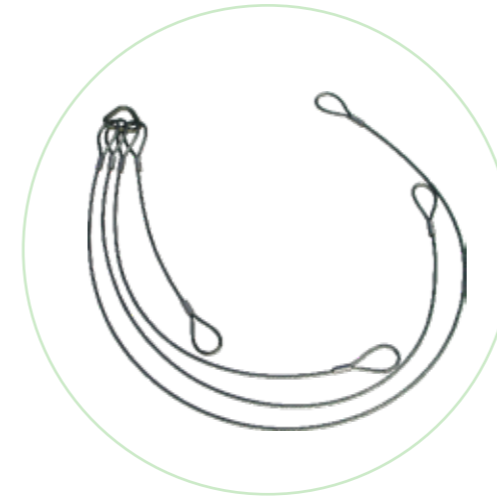


Size Range (mm)	Pack Qty	Product Code
2 x 40mm	500	ZA0772

For fixing to walls with screws (not included)

\*Datasheets available on request

## PULLING HARNESS



Size (mm)	Pack Qty	Product Code
2 x way	1	-----
3 x way	1	ZA0032
4 x way	1	-----

For pulling cable or sub duct together

## PULLING EYES



Size Range (mm)	Pack Qty	Product Code
18-22	1	ZA0799
24-27	1	ZA0802
27-37	1	ZA0803
35-43	1	ZA0804
43-46	1	ZA0805
49-54	1	-----

Tapered, threaded sub duct pulling eye with clevis end

\*Datasheets available on request

## LINKS



Size (mm)	Pack Qty	Product Code
8	1	ZA2863
10	1	-----

Standard screw type rope links

## CONNECTOR SWIVELS



Size (mm)	Length (mm)	Pack Qty	Product Code
Non-fused Swivel			
22	85.7	1	ZA2850
32	178	1	ZA2851
Fused Swivel			
16	82	1	ZA0763
22	102	1	ZA2855
Shear Pins - for use with fused swivel			
0.9kN for 16mm swivel		10	-----
1.5kN for 16mm swivel		10	ZA0761
1.7kN for 16mm swivel		10	-----
2.7kN for 16mm swivel		10	ZA0762
2kN for 22mm swivel		10	ZA2852
3kN for 22mm swivel		10	ZA2853
4kN for 22mm swivel		10	ZA2854
6kN for 16mm swivel		10	-----
8kN for 16mm swivel		10	-----

For pulling fibre optic cable

\*Datasheets available on request

## LOW FRICTIONS DRAW CORD



Description	Colour	Length (mm)	kN	Product Code
Low Friction Cord	Orange	6600	8	ZA0026
Low Friction Cord	White	500	11	ZA0027



## HDPE Twinwall Ducting

A lightweight, high strength main duct system providing excellent cable protection and fast underground installation.

Corrugated on the outside, smooth on the inside, twinwall HDPE (High Density Polyethylene) duct has a high static and dynamic load bearing capacity combined with high impact resistance.

The smooth inner bore combined with the lower frictional co-efficient of HDPE reduces the effort required to install long lengths of sub-duct and cable.

- Low friction permanent coating
- Tough, durable HDPE
- High performance in complex installations (for example many bends and gradients)
- Available empty, pre-roped, pre-taped or pre-cabled
- Manufactured in accordance with BS EN 61386-24:2010

### LENGTHS - GREEN



450N Compression Type

OD/ID (mm)	Length (mm)	Pack Qty (Lengths)
63/50	6	108
63/50	50	6
110/94	6	100
110/94 coil	50	5

750N Compression Type

63/50	6	108
110/94	6	100

Includes one coupler per length. Sealing rings sold separately

### LENGTHS - LIGHT GREY



450N Compression Type

OD/ID (mm)	Length (mm)	Pack Qty (Lengths)	Product Code
63/50	6	108	CR0369
63/50	50	6	CR0394
110/94	6	100	CR0509
110/94 coil	50	5	CR0534

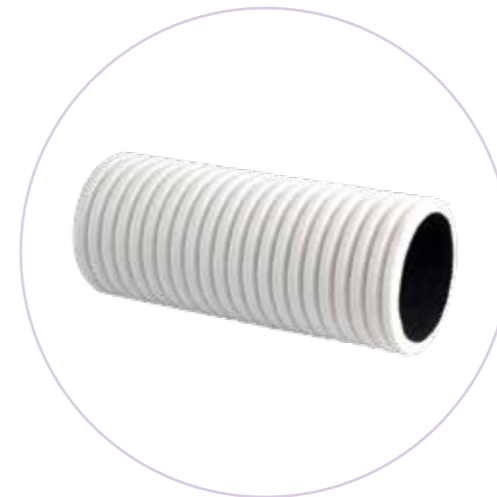
750N Compression Type

63/50	6	108	CR0371
110/94	6	100	CR0511

Note: Twinwall is also available to Eircom 850N specification

Includes one coupler per length. Sealing rings sold separately

### LENGTHS - WHITE



450N Compression Type

OD/ID (mm)	Length (mm)	Pack Qty (Lengths)	Product Code
63/50	6	108	-----
63/50	50	6	DX0394
110/94	6	100	DX0509
110/94 coil	50	5	-----

750N Compression Type

63/50	6	108	-----
110/94	6	100	-----

Includes one coupler per length. Sealing rings sold separately



## BENDS

450N Compression Type

OD/ID (mm)	Bend (mm)	Radius	Pack Qty	Product Code Green	Product Code Light Grey
63/50	11½°	150	50	EP0959	EP1478
63/50	22½°	150	50	EP0960	EP1479
63/50	45°	150	50	EP0961	EP1480
63/50	90°	150	50	EP0962	EP1481
110/94	11½°	200	15	EP0975	EP1494
110/94	22½°	200	15	EP0976	EP1495
110/94	45°	200	15	EP0977	EP1496
110/94	90°	200	10	EP0978	EP1498

750N Compression Type

63/50	11½°	150	50	EP0963	EP1482
63/50	22½°	150	50	EP0964	EP1483
63/50	45°	150	50	EP0965	EP1484
63/50	90°	150	50	EP0966	EP1485
110/94	11½°	200	15	EP0979	EP1498
110/94	22½°	200	15	EP1080	EP1499
110/94	45°	200	15	EP1081	EP1500
110/94	90°	200	10	EP1082	EP1501

Includes one coupler per length. Sealing rings sold separately

\*Datasheets available on request

Size (mm)	Pack Qty	Product Code Black	Product Code Green	Product Code
63	200	EP0107	EP1057	EP1576
110	50	EP0113	EP1063	EP1582

Secure push fit supplied with each length. Sealing rings not included

\*Datasheets available on request



## COUPLER



## SEALING RINGS



Size (mm)	Pack Qty	Product Code
63	50	-----
110	50	ZA0139

For sealed systems, two sealing rings required per Length

\*Datasheets available on request

## SWEPT TEE



Size (mm)	Pack Qty	Product Code Green	Product Code Light Grey
110/110/63	50	EP1236	-----

This item is available in other colours subject to minimum order quantity and lead time

## HOCKEY STICK



OD (mm)	Pack Qty	Product Code Green	Product Code Light Grey
63	20	EP1308	-----

This item is available in other colours subject to minimum order quantity and lead time

## EQUAL Y



OD (mm)	Pack Qty	Product Code Green	Product Code Light Grey
63	20	EP1367	-----
110	10	EP1389	-----

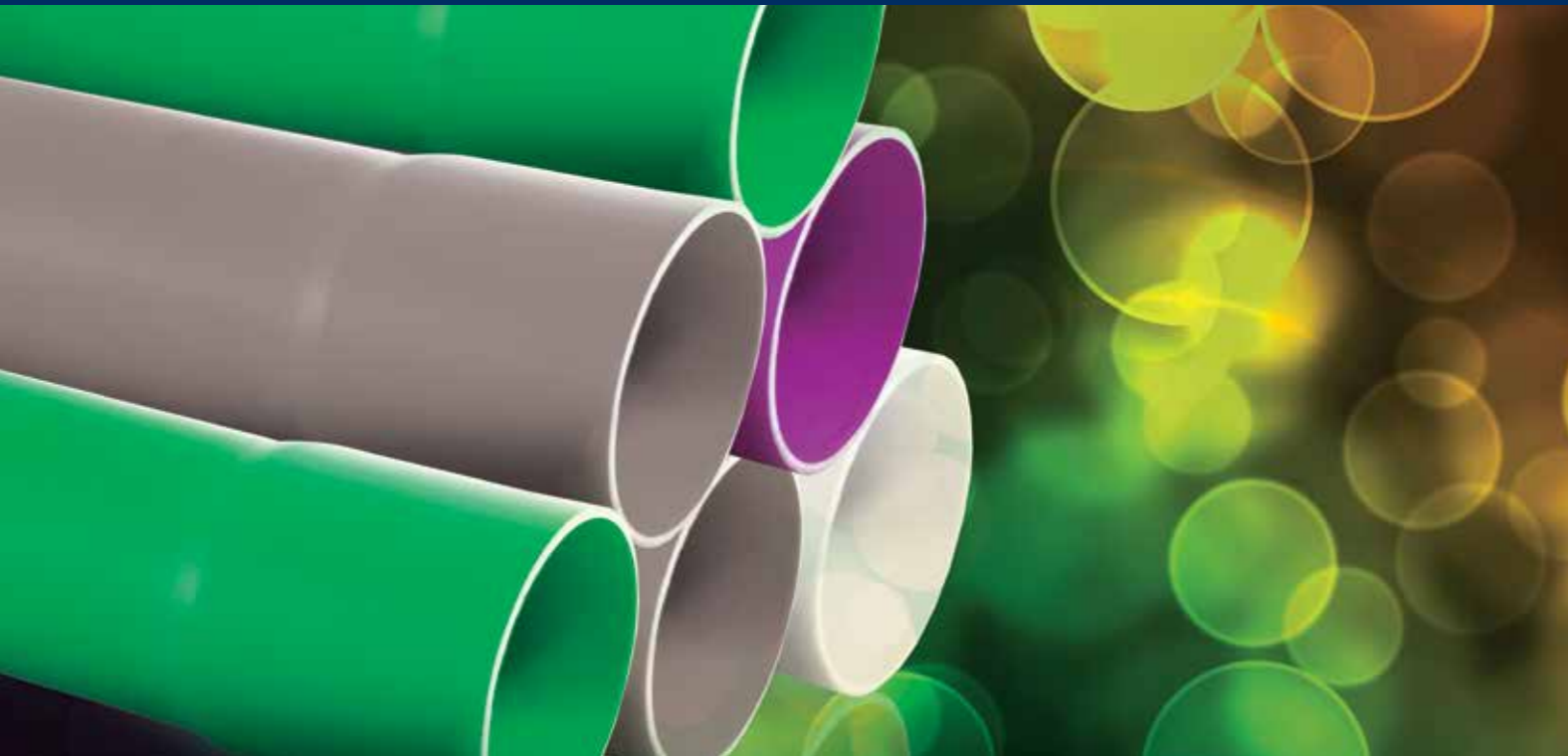
This item is available in other colours subject to minimum order quantity and lead time

## SIMPLEX PLUGS



OD (mm)	Pack Qty	Product Code Green	Product Code Light Grey
63/50	50	-----	EP1621
110/96	50	-----	EP1646
110/100	50	-----	EP1658

This item is available in other colours subject to minimum order quantity and lead time



## uPVC Ducting

A solid wall main duct system manufactured from unplasticised polyvinyl chloride (uPVC). A durable high quality construction, uPVC ducting is manufactured with performance criteria to meet customer and industry standards.



Durable



Resistance to compression



High quality construction, preformed sockets



Manufactured in accordance with BS EN 61386-24:2010

### LENGTHS - GREEN



450N Compression Type

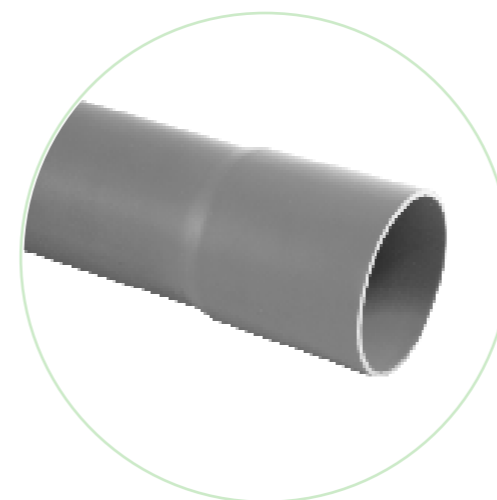
Nom. OD (mm)	Nom ID (mm)	Nom Wall Thick (mm)	Length (m)	Pack Qty (Lengths)	Product Code
54	50	2.1	3	390	UK1100
88.9	83	2.95	6	136	UK1360
96.5	90	3.1	6	105	UK1102
110	103	3.37	6	114	UK1363
125	118	3.7	6	68	UK1366
160	151	4.35	6	46	UK1369

750N Compression Type

54	49	2.5	3	390	UK1373
88.9	82	3.5	6	136	UK1376
96.5	89	3.7	6	105	UK1379
110	102	4.0	6	114	UK1382
125	116	4.35	6	68	UK1385
160	150	5.13	6	46	UK1388

250N pipe also available on request. Other colours available on request  
Socketed Printed to customer's requirements

### LENGTHS - LIGHT GREY



450N Compression Type

Nom. OD (mm)	Nom ID (mm)	Nom Wall Thick (mm)	Length (m)	Pack Qty (Lengths)	Product Code
54	50	2.1	3	390	UK1124
88.9	83	2.95	6	136	UK1395
96.5	90	3.1	6	105	UK1111
110	103	3.37	6	114	UK1427
125	118	3.7	6	68	UK1401
160	151	4.35	6	46	UK1404

750N Compression Type

54	49	2.5	3	390	UK1408
88.9	82	3.5	6	136	UK1411
96.5	89	3.7	6	105	UK1414
110	102	4.0	6	114	UK1417
125	116	4.35	6	68	UK1420
160	150	5.13	6	46	UK1423

250N pipe also available on request. Other colours available on request  
Socketed Printed to customer's requirements





## BENDS - SOCKETED



For Pipe OD (mm)	Bend	Pack Qty	Product Code Green	Product Code Light Grey
54	22½°	10	UN0031	UM0031
54	45°	10	UN0032	UM0032
54	90°	10	UN0033	UM0033
89	11¼°	5	-----	-----
89	22½°	5	-----	-----
89	45°	5	-----	V
89	90°	5	-----	-----
96.5	11¼°	5	UN0038	UM0610
96.5	22½°	5	UN0039	UM0039
96.5	45°	5	UN0040	UM0040
96.5	90°	5	UN0041	UM0041
110	11¼°	5	UN0042	-----
110	22½°	5	UN0521	UM0521
110	45°	5	UN0044	-----
110	90°	5	UN0045	-----
125	11¼°	5	-----	-----
125	22½°	5	-----	-----
125	45°	5	-----	-----
125	90°	5	-----	-----
160	11¼°	1	-----	-----
160	22½°	1	-----	-----
160	45°	1	-----	-----
160	90°	1	-----	-----

This item is available in other colours subject to minimum order quantity and lead time

## COUPLER - DOUBLE CONNECTOR



For Pipe OD (mm)	Pack Qty	Product Code Green	Product Code Light Grey
54	50	-----	-----
89	50	-----	-----
96.5	50	UN0013	-----
110	50	UN0014	-----
125	40	-----	-----
160	20	-----	-----

This item is available in other colours subject to minimum order quantity and lead time

## OVERSLEEVE



For Pipe OD (mm)	Pack Qty	Product Code Green	Product Code Light Grey
54	50	UN0060	UM0060
89	40	UN0061	-----
96.5	40	UN0062	UM0062
110	35	-----	-----
125	25	-----	-----
160	20	-----	-----

This item is available in other colours subject to minimum order quantity and lead time

## REDUCER



OD (mm)	Pack Qty	Product Code Green	Product Code Light Grey
89/54	50	-----	-----
96.5/54	50	UN0071	UM0071
96.5/89	50	-----	-----
100/96.5	50	-----	-----
110/96	50	EPO662	EPO661
114/96	40	-----	-----
125/110	40	-----	-----

This item is available in other colours subject to minimum order quantity and lead time

## SWEPT TEE



OD (mm)	Pack Qty	Product Code Green	Product Code Light Grey
96.5 x 54	20	UN0437	UM0000
110 x 54	18	UN0002	UM0002

This item is available in other colours subject to minimum order quantity and lead time

## EQUAL Y



OD (mm)	Pack Qty	Product Code Green	Product Code Light Grey
54	1	UN0095	-----
96.5	1	UN0020	UM0020
110	18	EP1195	UM0022

This item is available in other colours subject to minimum order quantity and lead time



## END CAPS



OD (mm)	Pack Qty	Product Code
63	50	ZA0111
105	50	-----
110	50	ZA0115
120	50	ZA0117
145	50	ZA0118
178	50	ZA0121

Yellow as standard, other colours available subject to minimum order quantities and lead time

Dust tight temporary seal, outer fit

## DUCT BRUSH



Brush Dia. (mm)	Duct ID (mm)	Pack Qty	Product Code
---	80	1	ZA3848
86	105	1	ZA0001
95	110	1	ZA3661
---	108	1	ZA3995

Cylindrical bristle brush for cleaning duct bores

Other types are available subject to minimum order quantity and lead time

## DUCT MANDREL



Brush Dia. (mm)	Duct ID (mm)	Pack Qty	Product Code
79	105	1	ZA0003
84	110	1	ZA0004
---	160	1	ZA3693

Steel mandrel with swivelling eyes for proving duct runs

## DRAW CORD



Brush Dia. (mm)	Duct ID (mm)	Pack Qty	kN	Product Code
Polypropylene Cord	Blue	500	5	ZA0025
Low Friction Cord	Orange	6600	8	ZA0026
Low Friction Cord	White	500	11	ZA0027

## CABLE DUCT LUBRICANT



Size (Litres)	Pack Qty	Product Code
1	1	ZA0183
20	500	ZA0102

## WARNING TAPE



Description	Colour	Dimensions	Product Code
Fibre Optic	Green	150mm x 85µ	ZA0079

For use in duct management

## DUCT ORGANISERS



Brush Dia. (mm)	Duct ID (mm)	Pack Qty	Product Code
40	2-way	50	-----
40	4-way	50	-----
40	6-way	50	-----
40	8-way	50	ZA0039
63	2-way	50	-----
63	4-way	50	-----
63	6-way	50	-----
63	8-way	50	-----
63	12-way	50	ZA369
105	4-way	50	-----
105	6-way	50	-----
105	8-way	50	-----
110	2-way	50	ZA0052
110	4-way	50	ZA0053
110	6-way	50	ZA0054
110	8-way	50	-----
178	4-way	50	ZA3749
178	6-way	50	ZA3750

# Terms and Conditions of Sale



1. DEFINITION

"the Company" shall mean Radius Plastics Limited;  
"the Purchaser" shall mean the person(s), firm or company who purchases the Goods from the Company;  
"Contract" shall mean any contract between the Company and the Purchaser for the sale and purchase of the Goods incorporating these Conditions;  
"Contract Price" shall mean the total price for the Goods to be supplied under the Contract;  
"Goods" shall mean any goods agreed in the Contract to be supplied to the Purchaser by the Company (including any part or parts of them).
2. APPLICATION OF TERMS

2.1 Subject to any variation under condition 2.3 the Contract will be on these Conditions to the exclusion of all other terms and conditions (including any terms or conditions which the Purchaser purports to apply under any purchase order, confirmation of order, specification or other document).

2.2 No terms or conditions endorsed upon, delivered with or contained in the Purchaser's purchase order, confirmation of order, specification or other document will form part of the Contract simply as a result of such document being referred to in the Contract.

2.3 These Conditions apply to all the Company's sales and any variation to these Conditions and any representations about the Goods shall have no effect unless expressly agreed in writing and signed by an authorised representative of the Company. Nothing in this Condition will exclude or limit the Company's liability for fraudulent misrepresentation.

2.4 Each order for Goods by the Purchaser from the Company shall be deemed to be an offer by the Purchaser to purchase Goods subject to these Conditions.

2.5 No order placed by the Purchaser shall be deemed to be accepted by the Company until a written acknowledgement of order is issued by the Company or (if earlier) the Company delivers the Goods to the Purchaser.

2.6 The Purchaser must ensure that the terms of its order and any applicable specification are complete and accurate. Any quotation is given on the basis that no contract will come into existence until the Company despatches an acknowledgement of order to the Purchaser.

2.7 Any quotation is valid for a period of 30 days only from its date, provided that the Company has not previously withdrawn it.
3. DESCRIPTION OF GOODS

3.1 The description of the Goods shall be as set out in the Company's quotation.

3.2 All drawings, descriptive matter, specifications and advertising issued by the Company and any descriptions or illustrations contained in the Company's catalogues or brochures are issued or published for the sole purpose of giving an approximate idea of the Goods described in them. They will not form part of this Contract.
4. DELIVERY

4.1 Unless otherwise agreed in writing by the Company, delivery of the Goods shall take place at the Company's place of business.

4.2 The Purchaser will take delivery of the Goods within [14] days of the Company giving it notice that the Goods are ready for delivery.

4.3 Any dates specified by the Company for delivery of the Goods are intended to be an estimate and time for delivery shall not be made of the essence by notice. If no dates are specified, delivery will be within a reasonable time.

4.4 Subject to the other provisions of these Conditions the Company will not be liable for any direct, indirect or consequential loss (all three of which terms include, without limitation, loss of profits, loss of business, depletion of goodwill and like loss), costs, damages, charges or expenses caused directly or indirectly by any delay in the delivery of the Goods (even if caused by the Company's negligence), nor will any delay entitle the Purchaser to terminate or rescind the Contract unless such delay exceeds [180] days.

4.5 If for any reason the Purchaser will not accept delivery of any of the Goods when they are ready for delivery, or the Company is unable to deliver the Goods on time because the Purchaser has not provided appropriate instructions, documents, licences or authorisations:

4.5.1 risk in the Goods will pass to the Purchaser (including for loss or damage caused by the Company's negligence);

4.5.2 the Goods will be deemed to have been delivered; and

4.5.3 the Company may store the Goods until delivery whereupon the Purchaser will be liable for all related costs and expenses (including, without limitation, storage and insurance).

4.6 The Company shall be entitled to make deliveries by instalments. Each instalment shall be a separate agreement to which these Conditions will apply.

4.7 If the Company delivers to the Purchaser a quantity of Goods of up to [10]% more or less than the quantity accepted by the Company the Purchaser shall not be entitled to object to or reject the Goods or any of them by reason of the surplus or shortfall and shall pay for such goods at the pro rata Contract rate.
5. RISKS

5.1 The Goods are at the risk of the Purchaser from the time of delivery.
6. RESERVATION OF TITLE

6.1 Ownership of the Goods shall not pass to the Purchaser until the Company has received in full (in cash or cleared funds) all sums due to it in respect of:

6.1.1 the Goods; and

6.1.2 all other sums which are or which become due to the Company from the Purchaser on any account

6.2 Until such time as property in the Goods passes from the Company the Purchaser shall upon request deliver up such of the Goods as have not ceased to be in existence or resold to the Company. If the Purchaser fails to do so the Company may enter upon any premises owned, occupied or controlled by the Purchaser where the Goods are situated and repossess the Goods.

6.3 Until ownership of the Goods has passed to the Purchaser, the Purchaser must:

6.3.1 hold the Goods on a fiduciary basis as the Company's bailee;

6.3.2 store the Goods (at no cost to the Company) separately from all other goods of the Buyer or any third party in such a way that they remain readily identifiable as the Company's property;

6.3.3 not destroy, deface or obscure any identifying mark or packaging on or relating to the Goods;

6.3.4 maintain the Goods in a satisfactory condition and keep them insured on the Company's behalf for their full price against all risks to the reasonable satisfaction of the Company. On request the Purchaser shall produce the policy of insurance to the Company; and

6.3.5 hold the proceeds of the insurance referred to in condition 6.2.4 on trust for the Company and not mix them with any other money, nor pay the proceeds into an overdrawn bank account.

6.4 The Purchaser may sell the Goods before ownership has passed to it solely on the following conditions:

6.4.1 any sale shall be effected in the ordinary course of the Purchaser's business at full market value; and

6.4.2 any such sale shall be a sale of the Company's property on the Purchaser's own behalf and the Purchaser shall deal as principal when making such a sale.
7. EVENTS OF DEFAULT

7.1 The Purchaser's right to possession of the Goods pending payment therefore shall terminate immediately if:

7.1.1 the Purchaser has a bankruptcy order made against him or makes an arrangement or composition with his creditors, or otherwise takes the benefit of any statutory provision for the time being in force for the relief of insolvent debt or (being a body corporate) convenes a meeting of creditors (whether formal or informal), or enters into liquidation whether voluntary or compulsory) except a solvent voluntary liquidation for the purpose only of reconstruction or amalgamation, or has a receiver and/or manager, administrator or administrative receiver appointed of its undertaking or any part thereof, or documents are filed with the court for the appointment of an administrator of the Purchaser or notice of intention to appoint an administrator is given by the Purchaser or its directors or by a qualifying floating charge holder, or a resolution is passed or a petition presented to any court for the winding up of the Purchaser or for the granting of an administration order in respect of the Purchaser or any proceedings are commenced relating to the insolvency or possible insolvency of the Purchaser; or

7.1.2 the Purchaser suffers or allows any execution, whether legal or equitable, to be levied on his/its property or obtained against him/it, or fails to observe/performance any of his/its obligations under these Conditions or any other contract between the Vendor and the Purchase or is unable to pay its debts within article 103 of the Insolvency (NI) Order 1989 or the Purchaser ceases to trade; or

7.1.3 the Purchaser encumbers or in any way charges any of the Goods.
8. PRICE

8.1 Unless otherwise agreed by the Company in writing the price for the Goods shall be the price in effect on the date of delivery or deemed delivery.

8.2 The price for the Goods shall be exclusive of any value added tax and all costs or charges in relation to loading, unloading, carriage and insurance all of which amounts the Purchaser will pay in addition when it is due to pay for the Goods.
9. PAYMENT

9.1 Payment of the price for the Goods is due on the last working day of the month following delivery.

9.2 Time for payment shall be of the essence.

9.3 If the Purchaser fails to pay the Company any sum due pursuant to the Contract the Purchaser will be liable to pay interest to the Company on such sum from the due date for payment at the annual rate of 1.5% above the base lending rate from time to time of [the Ulster Bank], accruing on a daily basis until payment is made, whether before or after any judgment.

9.4 All payments payable to the Company under the Contract shall become due immediately upon termination of this Contract despite any other provision.

9.5 The Purchaser shall make all payments due under the Contract without any deduction whether by way of set-off, counterclaim, discount, abatement or otherwise unless the Purchaser has a valid court order requiring an amount equal to such deduction to be paid by the Company to the Purchaser.
10. QUALITY

10.1 The Company warrants that (subject to the other provisions of these Conditions) upon delivery the Goods will:

10.1.1 be of satisfactory quality within the meaning of the Sale and Supply of Goods Act 1994; and

10.1.2 be reasonably fit for any particular purpose for which the Goods are being bought if the Purchaser had made known that purpose to the Company in writing and the Company has confirmed in writing that the Goods are fit for the purpose as described by the Purchaser.

10.2 The Company shall not be liable for a breach of any of the warranties in condition 10.1 unless:

10.2.1 the Purchaser gives written notice of the defect to the Company and (if the defect is as a result of damage in transit) to the carrier, within 7 days of the date of delivery; and

10.2.2 the Company is given a reasonable opportunity after receiving the notice of examining such Goods and the Purchaser (if asked to do so by the Company) returns such Goods to the Company's place of business at the Company's cost for the examination to take place there.

10.3 The Company shall not be liable for a breach of any of the warranties in condition 10.1 if:

10.3.1 the Purchaser makes any further use of such Goods after giving such notice; or

10.3.2 the defect arises because the Purchaser failed to follow the Company's oral or written instructions as to the storage, installation, commissioning, use or maintenance of the Goods or (if there are none) good trade practice; or

10.3.3 the Purchaser alters or repairs such Goods without the written consent of the Company.

10.4 Subject to conditions 10.2 and 10.3, if any of the Goods do not conform with any of the warranties in condition 10.1 the Company shall at its option repair or replace such Goods (or the defective part) or refund the price of such Goods at the pro rata Contract rate provided that, if the Company so requests, the Purchaser shall, at the Company's expense, return the Goods or the part of the such Goods which is defective to the Company

10.5 If the Company complies with condition 10.4 it shall have no further liability for a breach of any of the warranties in condition 10.1 in respect of such Goods
11. CLAIMS

11.1 All claims in respect of faulty goods must be submitted by the Purchaser in writing to the Company within seven days of delivery of the Goods.

11.2 All claims in respect of shortages in delivery must be notified by the Purchaser to the Company in writing within three days of delivery.

11.3 All claims in respect of non-delivery must be made in writing by the Purchaser to the Company within ten days of receipt by the Purchaser of an invoice or advice note (whichever is the earlier) in respect of those Goods.
12. ASSIGNMENT

12.1 The Purchaser shall not be entitled to assign this Contract or any part of it without the prior written consent of the Vendor.

12.2 The Company may assign this contract or any part of it to any person, firm or company.
13. LIMITATION OF LIABILITY

13.1 The following provisions set out the entire financial liability of the Company (including any liability for the acts or omissions of its employees, agents and sub-contractors) to the Purchaser in respect of:

13.1.1 any breach of these Conditions; and

13.1.2 any representation, statement or tortious act or omission including negligence arising under or in connection with this Contract.

13.2 All warranties, conditions and other terms implied by statute or common law (save for the conditions implied by section 12 of the Sale of Goods Act 1979) are, to the fullest extent permitted by law, excluded from this Contract.

13.3 Nothing in these Conditions excludes or limits the liability of the Company for death or personal injury caused by the Company's negligence or fraudulent misrepresentation.

13.4 Subject to conditions 14.2 and 14.3:

13.4.1 The Company's total liability in contract, tort (including negligence or breach of statutory duty), misrepresentation, restitution or otherwise, arising in connection with the performance or contemplated performance of this Contract shall be limited to the Contract Price; and

13.4.2 The Company shall not be liable to the Purchaser for any pure economic loss, loss of business, depletion of goodwill or otherwise, in each case whether direct, indirect or consequential, or any claims for consequential compensation whatsoever (howsoever caused) which arise out of or in connection with this Contract.
14. FORCE MAJEURE

14.1 The Company reserves the right to defer the date of delivery or to cancel the Contract or reduce the volume of the Goods ordered by the Purchaser (without liability to the Purchaser) if it is prevented from or delayed in the carrying on of its business due to circumstances beyond the reasonable control of the Company including, without limitation, acts of God, governmental actions, war or national emergency, acts of terrorism, protests, riot, civil commotion, fire, explosion, flood, epidemic, lock-outs, strikes or other labour disputes (whether or not relating to either party's workforce), or restraints or delays affecting carriers or inability or delay in obtaining supplies of adequate or suitable materials. Provided that, if the event in question continues for a continuous period in excess of [60] days, the Purchaser shall be entitled to give notice in writing to the Company to terminate the Contract.
15. GENERAL

15.1 Each right of remedy of the Company under the Contract is without prejudice to any other right or remedy of the Company whether under the Contract or not.

15.2 If any provision of the Contract is found by any court, tribunal or administrative body of competent jurisdiction to be wholly or partly illegal, invalid, void, voidable, unenforceable or unreasonable it shall to the extent of such illegality, invalidity, voidness, voidability, unenforceability or unreasonableness be deemed severable and the remaining provisions of the Contract and the remainder of such provision shall continue in full force and effect.

15.3 Failure or delay by the Company in enforcing or partially enforcing any provision of the Contract will not be construed as a waiver of any of its rights under the Contract.

15.4 Any waiver by the Company of any breach of, or any default under, any provision of the Contract by the Purchaser will not be deemed a waiver of any subsequent breach or default and will in no way affect the other terms of the Contract.

15.5 The parties to this Contract do not intend that any term of this Contract will be enforceable by virtue of the Contracts (Rights of Third Parties) Act 1999 by any person that is not a party to it.
16. JURISDICTION

16.1 The formation, existence, construction, performance, validity and all aspects of the Contract shall be governed by Northern Irish law and the parties submit to the exclusive jurisdiction of the Northern Ireland courts.

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